

Converting Colors

YUV(240.5080, -7.1524, 7.4475)

Have a look what the booklet for
YUV(240.5080, -7.1524, 7.4475)
contains.

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Color

**YUV(240.5080, -7.1524,
7.4475)**

Conversions

Conversions Part 1

Format	Color
Hex	F9EFE2
RGB	249, 239, 226
RGB Percent	98%, 94%, 89%
CMY	0.0235, 0.0627, 0.1137
CMYK	0.00, 0.04, 0.09, 0.02
HSL	34°, 66%, 93%
HSV	34°, 9%, 98%
XYZ	83.6609, 87.3637, 84.4050
YIQ	240.5080, 10.1330, -1.9230

Conversions

Conversions Part 2

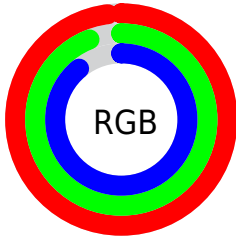
Format	Color
RYB	244, 249, 226
Decimal	16379874
CIELab	94.89, 1.19, 7.47
CIElCh	95, 7.565, 80.912
Yxy	87.3637, 0.3275, 0.3420
Android (android.graphics.Color)	4294569954 (0xFFFF9EFE2)
YUV	240.5080, -7.1524, 7.4475
Hunter-Lab	93.4686, -3.8000, 11.8873

Details

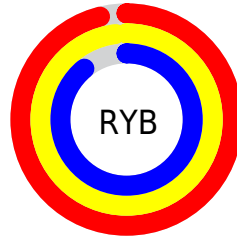
The YUV color $240.5080, -7.1524, 7.4475$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $234.4920, 7.1524, -7.4475$, and the grayscale version is $241.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $184.6220, -6.7156, 7.3475$ is the 20% darker color. If you saturate the color by 10%, you get $231.2010, -14.8891, 15.6097$, and if you desaturate by 10%, it is $249.8150, 0.5842, -0.7148$.

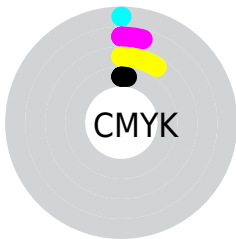
Distribution



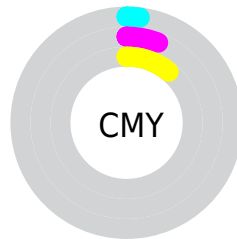
- Red (98%)
- Green (94%)
- Blue (89%)



- Red (96%)
- Yellow (98%)
- Blue (89%)



- Cyan (0%)
- Magenta (4%)
- Yellow (9%)
- Black (2%)



- Cyan (2%)
- Magenta (6%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YUV color 240.5080, -7.1524, 7.4475 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the YUV color 240.5080, -7.1524, 7.4475 by changing the saturation by 10% instead.


 240.5080, -7.1524,
7.4475

 240.5080, -7.1524,
7.4475


255.0000, 0.0000,
0.0000


 212.2090, -7.0050,
6.8327

 184.6220, -6.7156,
7.3475

 157.3230, -6.5682,
6.7327

 131.4370, -6.1314,
6.6328

 106.1380, -5.9840,
6.0180

 82.1380, -5.9840,
6.0180

 58.9530, -5.3998,

5.3032

■ 37.6540, -5.2524,
4.6884

■ 15.9810, -7.8786,
7.0327

■ 240.5080, -7.1524,
7.4475

■ 240.5080, -7.1524,
7.4475

■ 231.2010,
-14.8891, 15.6097

■ 249.8150, 0.5842,
-0.7148

■ 221.8940,
-22.6257, 23.7720

■ 253.2060, 0.8844,
-3.6887

■ 213.1740,
-30.6518, 31.4194

■ 203.8670,
-38.3884, 39.5816

■ 194.6740,
-45.6883, 47.6439

■ 185.3670,
-53.4249, 55.8061

■ 176.0600,
-61.1616, 63.9684

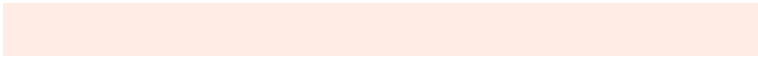
■ 166.7530,
-68.8982, 72.1306

■ 158.0330,
-76.9243, 79.7781

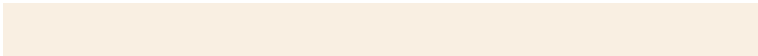
Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



241.4700, -6.1477, 11.8658



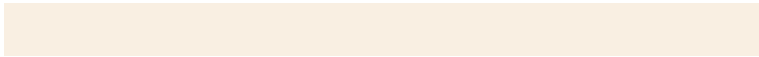
240.5080, -7.1524, 7.4475



239.4040, -6.1152, 1.3997

Triad

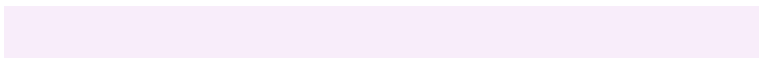
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



240.5080, -7.1524, 7.4475



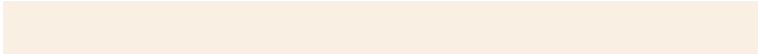
238.4220, 3.2430, -13.5251



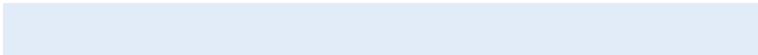
241.7710, 4.0569, 5.4628

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



240.5080, -7.1524, 7.4475



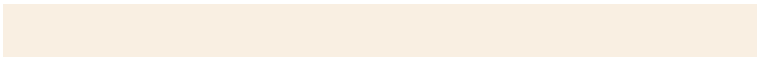
234.4920, 7.1524, -7.4475

Split Complementary

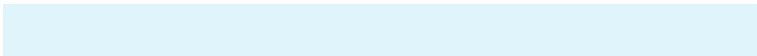
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



240.7100, 6.5520, -1.4997



240.5080, -7.1524, 7.4475



238.8180, 6.0057, -12.9954

Square

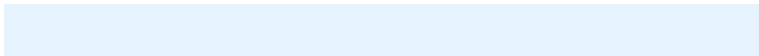
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



240.5080, -7.1524, 7.4475



238.5210, -0.2569, -10.9809



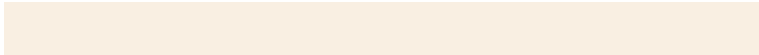
240.1930, 7.2999, -8.0623



242.1800, 0.4043, 10.3661

Rectangle

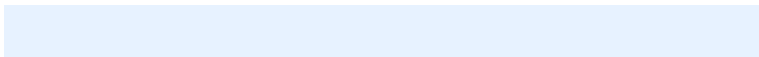
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



240.5080, -7.1524, 7.4475



239.0120, -4.9359, -3.5185



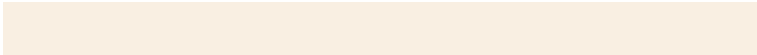
240.1930, 7.2999, -8.0623



241.5750, 4.6465, 3.0037

Sweetspot

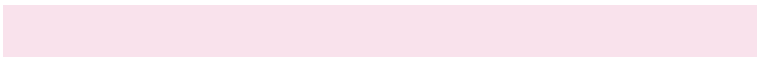
The Sweet Spot groups the original color and five complimentary colors.



240.5080, -7.1524, 7.4475



252.3270, -2.6262, 2.3442



234.0170, 0.9776, 13.1401



125.5550, -1.7526, 2.1443



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

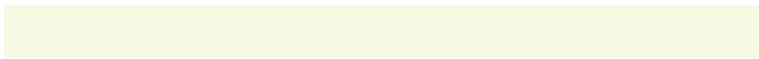
The Same Dimension uses a secret algorithm to generate beautiful new colors.



240.5080, -7.1524, 7.4475



244.7640, -8.7577, 8.9770



246.0790, -9.8989, 1.6847



120.5830, -4.2314, 3.8737



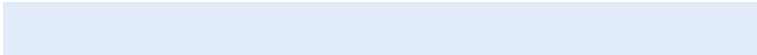
119.3200, -58.8248, 61.1094



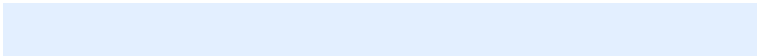
38.7840, -19.1205, 19.4834

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



234.4920, 7.1524, -7.4475



237.2360, 8.7577, -8.9770



228.9210, 9.8989, -1.6847



117.0040, 3.9420, -4.3885



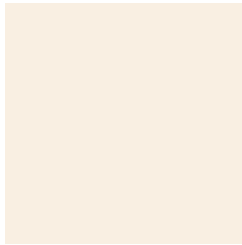
69.6800, 58.8248, -61.1094



22.8030, 18.8311, -19.9982

Previews

White Background



This preview shows how the YUV color 240.5080, -7.1524, 7.4475 looks on a white background.

Color Contrast Check

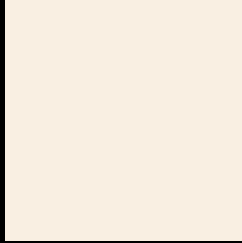
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 240.5080, -7.1524, 7.4475 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

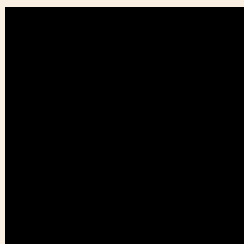
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

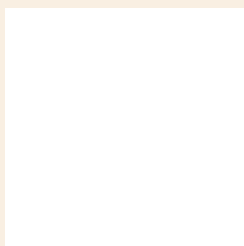
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 240.5080, -7.1524, 7.4475

Background



This preview shows how black text looks on a background with the YUV color 240.5080, -7.1524, 7.4475.



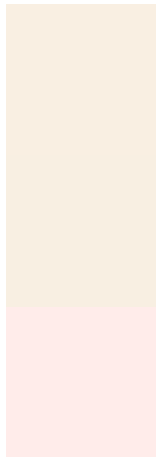
This preview shows how white text looks on a background with the YUV color 240.5080, -7.1524,

7.4475.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

240.5080, -7.1524, 7.4475

Protanopia

240.2090, -7.0050, 6.8327

Deuteranopia

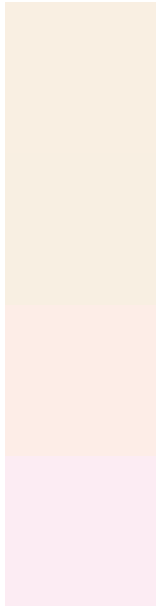
241.4530, -3.6743, 11.8807



Tritanopia

242.4340, 5.2090, 9.2664

Trichromacy



Original Color

240.5080, -7.1524, 7.4475

Protanomaly

240.2090, -7.0050, 6.8327

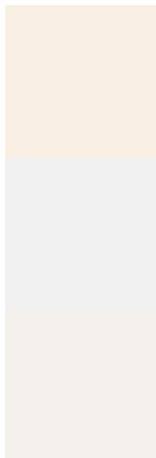
Deuteranomaly

241.1000, -4.9793, 10.4363

Tritanomaly

241.5820, 0.6991, 9.1366

Monochromacy



Original Color

240.5080, -7.1524, 7.4475

Achromatopsia

241.0000, 0.0000, 0.0000

Achromatomaly

240.7400, -2.3368, 2.8590

CSS Examples

Text

The CSS property to change the color of the text to YUV 240.5080, -7.1524, 7.4475 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(249, 239, 226)` looks like.

```
.text, #text, p{  
    color:rgb(249, 239, 226)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(249, 239, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 239, 226) }
```

Border

The CSS property to change the border of an element to YUV 240.5080, -7.1524, 7.4475 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(249, 239, 226) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(249, 239, 226) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(249, 239, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 239, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 239, 226);  
box-shadow:4px 4px 4px 4px rgb(249, 239,  
226) }
```

Background

The CSS property to change the background color of an element to YUV 240.5080, -7.1524, 7.4475 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 239, 226) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(249,  
239, 226) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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